INSTALL GUIDE

OL-HA(RS)-HA6-[OL-RS-HA6]-EN

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20141205

FIRMWARE
OL-HA(RS)-HA6-[OL-RS-HA6]

HARDWARE
OL-RS-HA6

ACCESSORIES
OL-LOADER (REQUIRED)
RF-10/30/50-EDP (OPTIONAL)
OMEGA-CARLINK-GPS (OPTIONAL)

NOTICE The manufacturer will accept no responsability for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. This device must be installed by a certified technician. Please review the Installation Guide carefully before beginning any work.

BEFORE INSTALLATION
1- Connect module to computer
2- Login to Weblink account
3- Flash firmware to module (module is not preloaded with firmware)
4- Use accessories accordingly (accessories are sold separately)

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NOTES

* IMPORTANT:
1- No takeover available.
Upon opening vehicle door engine will shutdown.
2- All doors must be closed to remote start vehicle.

MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES														
				DATA IMMOBILIZER BYPASS	SECURE TAKEOVER*	3X LOCK REMOTE START	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	TRUNK/HATCH RELEASE	DOOR STATUS OUTPUT	TRUNK STATUS OUTPUT	HOOD STATUS OUTPUT	AUTOLIGHT CTRL	TACHOMETER OUTPUT	BRAKE PEDAL STATUS
ACURA	RLX PTS AT	14-15	1	•		•	•	•	•	•	•	•	•	•	•	•	•
HONDA	Accord PTS AT	13-15	1	•		•	•	•	•	•	•	•	•	•	•	•	•
	Civic PTS AT	14-15	2	•		•	•	•	•	•	•	•	•	•		•	•
	CR-V PTS AT	15	2	•		•	•	•	•	•	•	•	•	•	•	•	•
	CR-V Touring PTS AT	15	1	•		•	•	•	•	•	•	•	•	•	•	•	•
	Crosstour PTS AT	13-15	1	•		•	•	•	•	•	•	•	•	•	•	•	•

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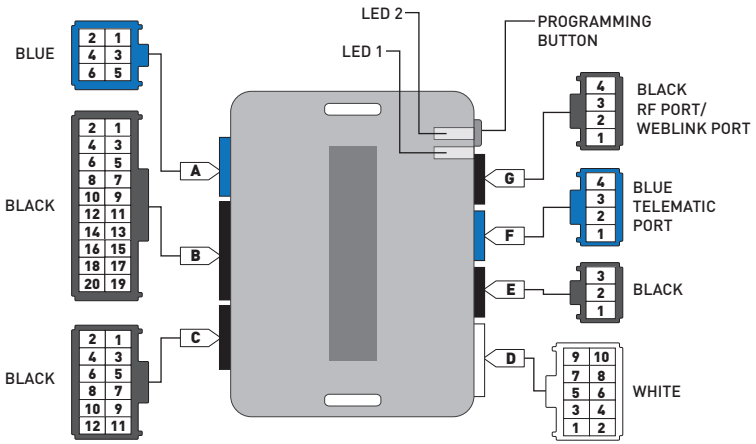
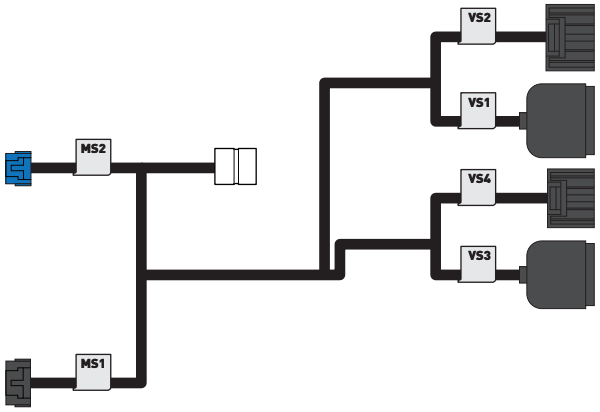
BOX CONTENTS

MODULE

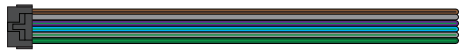


T-HARNESS 1



10 PIN CONNECTOR

12 PIN CONNECTOR



AFTERMARKET HOOD SWITCH AND CABLE

WARNING STICKER

WEBLINK CABLE (required accessory sold separately)

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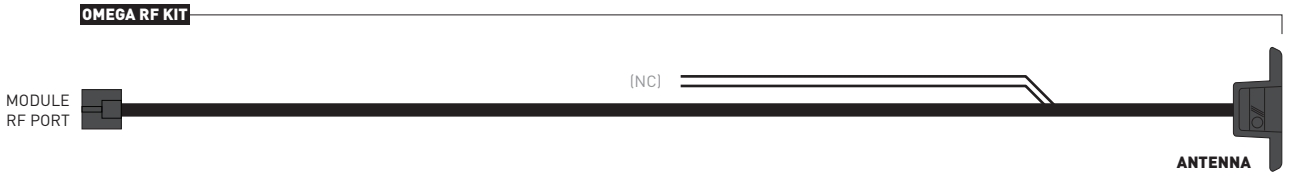
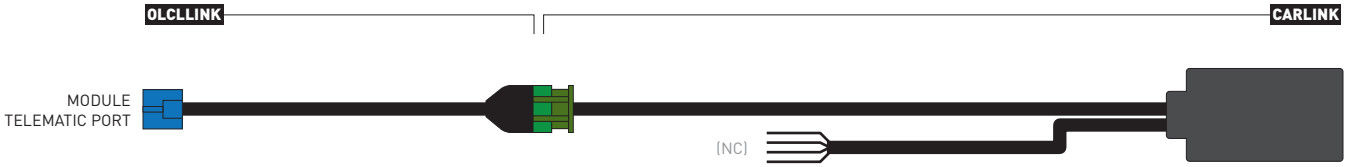
RF KIT (accessories sold separately)



TELEMATIC KIT (accessories sold separately)



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MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
ACURA	RLX PTS AT	14-15	Parking Light	~	Blue	12 pin	08	Pink	(-)	Parking light switch (left of steering column)	~
			Horn	~	~	~	A10	Orange	(-)	Steering wheel clock spring connector	~
			PTS Harness	~	~	~	~	~	~	Smart PCU, under dash, left of steering column	~
			Ignition Harness	~	~	~	~	~	~	Smart PCU, under dash, left of steering column	~
HONDA	Accord PTS AT	13-15	Parking Light	~	Blue	12 pin	08	Gray	(-)	Parking light switch (left of steering column)	~
			Horn	~	~	~	A2	LtBlue	(-)	Steering wheel clock spring connector	~
			PTS Harness	~	~	~	~	~	~	Smart PCU, under dash, left of steering column	~
			Ignition Harness	~	~	~	~	~	~	Smart PCU, under dash, left of steering column	~
	Crosstour PTS AT	13-15	Parking Light	~	Blue	12 pin	08	Gray	(-)	Parking light switch (left of steering column)	~
			Horn	~	~	~	A2	LtBlue	(-)	Steering wheel clock spring connector	~
			PTS Harness	~	~	~	~	~	~	Smart PCU, under dash, left of steering column	~
			Ignition Harness	~	~	~	~	~	~	Smart PCU, under dash, left of steering column	~
	CR-V Touring PTS AT	15	Parking Light	~	Gray	12 pin	08	Blue	(-)	Parking light switch (left of steering column)	~
			Horn	~	~	~	~	~	~	~	~
			PTS Harness	~	~	~	~	~	~	Smart PCU, behind glove box	~
			Ignition Harness	~	~	~	~	~	~	Smart PCU, behind glove box	~

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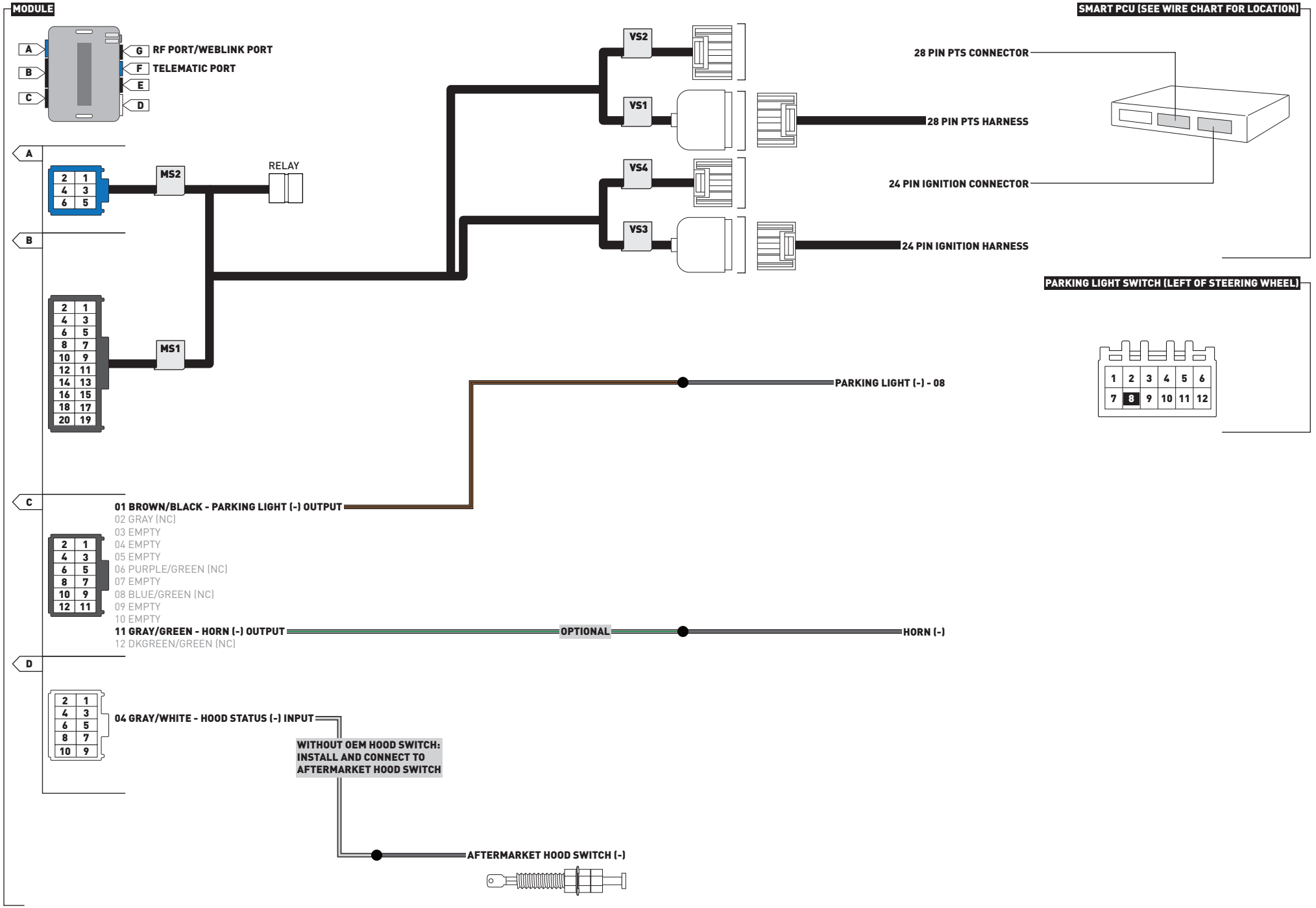

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MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
HONDA	Civic PTS AT	14-15	Parking Light	~	Gray	12 pin	08	Gray	(-)	Parking light switch (left of steering column)	~
			Lock	~	~	~	~	Blue	(-)	Driver door harness	~
			Unlock	~	~	~	~	Gray	(-)	Driver door harness	~
			Horn	~	~	~	A2	Orange	(-)	Steering wheel clock spring connector	~
			PTS Harness	~	~	~	~	~	~	Smart PCU, under dash, above and right of steering column*	~
			Ignition Harness	~	~	~	~	~	~	Smart PCU, under dash, above and right of steering column*	~
	CR-V PTS AT	15	Parking Light	~	Gray	12 pin	08	Blue	(-)	Parking light switch (left of steering column)	~
			Lock	~	~	~	~	LtGreen	(-)	Passenger door harness	~
			Unlock	~	~	~	~	Tan	(-)	Passenger door harness	~
			Horn	~	~	~	~	~	~	~	~
			PTS Harness	~	~	~	~	~	~	Smart PCU, behind glove box	~
			Ignition Harness	~	~	~	~	~	~	Smart PCU, behind glove box	~

* If vehicle is equipped with an OEM amplifier, it has to be removed to access Smart PCU.

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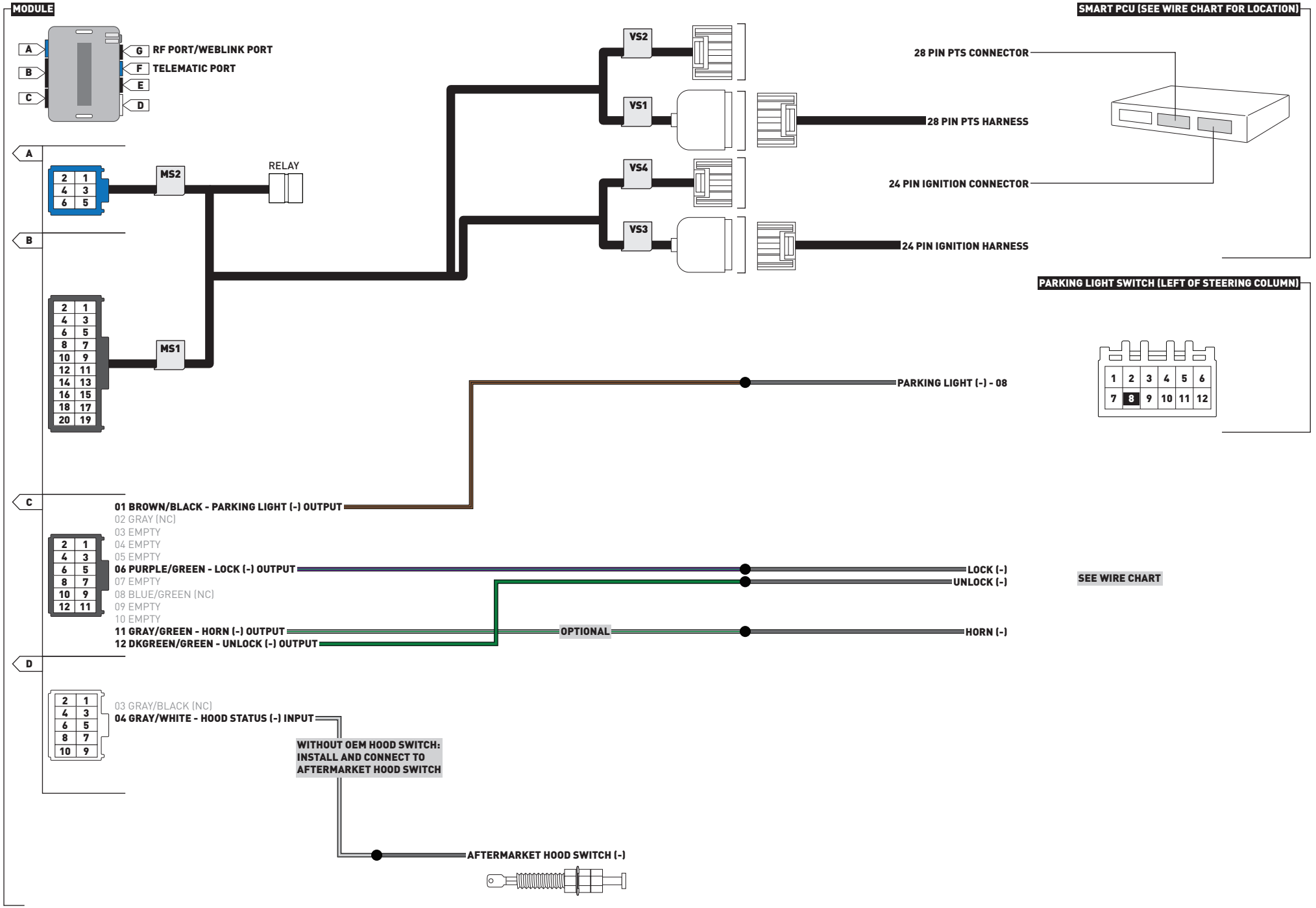

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01

Push start button once [1x] to ON position.

02
Wait, LED 1 will flash GREEN rapidly.

03

Push start button once [1x] to OFF position.

04
WARNING: Disconnect power last. Disconnect module from vehicle.

05

Connect module to computer and proceed with extended programming.

06
Connect power first. Connect module to vehicle.

07

Push start button once [1x] to ON position.

08
Wait, LED 1 will turn solid GREEN for 2 seconds.

09

Push start button once [1x] to OFF position.

10
Press UNLOCK on the OEM remote.

>>
If the vehicle is equipped with a power liftgate: Open and close the power liftgate with the OEM keyfob.

11
Module Programming Procedure completed.

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>>

NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional. See RF kit user manual for alternate valet mode programming.

01

Time restriction. Complete next step within 7 seconds.

02

Cycle ignition ON five times [5x OFF/ON] rapidly.

03

Wait, LED 1 will turn solid RED for 2 seconds.

04

Set ignition to OFF position.

05

Valet Mode Programming Procedure completed.

>>

To exit valet mode: repeat steps 1 to 5.

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AFTERMARKET REMOTE PROGRAMMING: NOTES	
I All aftermarket remotes must be programmed to the RF-Kit. Refer to the RF-Kit user guide for aftermarket remote features and programming procedures.	

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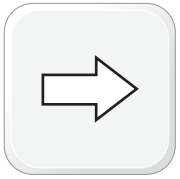
>>

It is mandatory to exit the Module Navigation at the end of this procedure. Failure to exit the Module Navigation will drain vehicle battery. To exit the Module Navigation at any time: Follow STEP 13.

>>

Module must be programmed to the vehicle.

>>



Use the Module Navigation Chart on the next page.

01

Set ignition to OFF position.

02

TO ACCESS THE MENUS: Press and hold programming button until LED 1 turns solid GREEN.

03

IN THE MENUS: Press the programming button as many times as the menu number indicates. LED 1 will flash GREEN an equal amount of times continuously.

04

TO ACCESS THE OPTIONS: Press and hold programming button until LED 1 turns solid RED.

05

IN THE OPTIONS: Press the programming button as many times as the option number indicates. LED 1 will flash RED an equal amount of times continuously.

06

TO ACCESS THE SETTINGS: Press and hold programming button until LED 1 turns solid GREEN.

07

LED 1 will flash GREEN as many times as the current (or default) setting number, continuously.

08

IN THE SETTINGS: Press the programming button as many times as necessary to access your setting. LED 1 will flash GREEN an equal amount of times continuously.

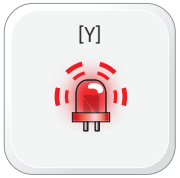
09

To return to the MENUS: exit the Module Navigation and redo the Module Navigation Procedure.

10

To save and return to the OPTIONS: Press and hold programming button until LED 1 turns solid RED.

11



LED 1 will flash RED as many times as the current option number continuously.

12

Configure every other setting and proceed to step 13.

13

MANDATORY: EXIT MODULE NAVIGATION. Press and hold programming button for 7 seconds. LED 1 will flash RED rapidly. Release programming button. LED 1 will turn OFF.

14

Module navigation completed.

>>

Failure to exit the Module Navigation will drain vehicle battery.

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MODULE NAVIGATION CHART: NOTES	[X] MENUS		[Y] OPTIONS		[Z] SETTINGS	
I Default settings are listed in bold. II Make sure the option is covered on the vehicle before attempting to change the setting.	01	CONFIGURATION	01	DISARM/UNLOCK BEFORE START	01	OFF
					02	**ON**
			02	RELOCK AFTER START	01	OFF
					02	**ON**
			03	RELOCK AFTER SHUTDOWN	**01**	**OFF**
					02	ON
			04	FORCE UNLOCK ALL ON FIRST PRESS	**01**	**OFF**
					02	ON
			05	N/A	01	N/A
			06	N/A	01	N/A
			07	FACTORY KEYLESS RS SEQUENCE	01	DISABLE
					02	N/A
					03	LOCK + UNLOCK + LOCK
					04	**LOCK + LOCK + LOCK**
			08	MODULE RUN TIME	01	03 MIN
					02	05 MIN
					03	10 MIN
					04	15 MIN
					05	25 MIN
					06	30 MIN
					07	35 MIN
					08	**15 MIN**
			09	WAIT TO START DELAY	**01**	**02 SEC**
					02	05 SEC
					03	08 SEC
					04	10 SEC
					05	15 SEC
					06	20 SEC
					07	25 SEC
					08	30 SEC
			10	N/A	01	N/A
			11	N/A	01	N/A
			12	N/A	01	N/A
			13	N/A	01	N/A

*Vehicle will shutdown when a door is opened.

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MODULE NAVIGATION CHART: NOTES	[X] MENUS		[Y] OPTIONS		[Z] SETTINGS	
	01	CONFIGURATION	14	HORN EVENT TRIGGER	**01**	**DOUBLE LOCK**
					02	LOCK + UNLOCK
					03	LOCK + UNLOCK + START
					04	DOUBLE LOCK + START
			15	HORN CHIRPS WIDTH	**01**	**30 mSEC**
					02	15 mSec
					03	60 mSec
	02-07	Technical Support only	01	N/A	01	N/A

*Vehicle will shutdown when a door is opened.

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REMOTE STARTER ERROR CODES: NOTES	[X] NUMBER OF PARKING LIGHT FLASHES	DIAGNOSTIC
I WARNING: The following applies only when the parking lights are connected and supported by the system. II After a remote starter failure, the parking lights will flash [X] number times to indicate an error code. See table.	03	Foot brake is ON.
	04	Hood is open.
	05	Engine tach signal is lost.
	06	System is in Valet Mode.
	07	Vehicle is moving (VSS).
	08	Glow plug timeout error.
	09	RS not synchronized. Start vehicle with OEM key for 15 sec before trying a new RS sequence.
	10	N/A
	11	N/A
	12	N/A
	13	N/A
	14	N/A
	15	N/A
	16	CAN communication failure during RS sequence.

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TEST MODULE		LED 1 STATUS	DIAGNOSTIC
I	DURING PROGRAMMING	Flashing RED	Missing/wrong information from firmware or vehicle.
		Solid RED	Module waiting for more vehicle information.
		Flashing GREEN	Additional steps required to complete module programming.
		Solid GREEN then OFF	Module correctly programmed.
		OFF	No activity or module already programmed.
II	DURING REMOTE START	Flashing RED	Module incorrectly programmed.
		Solid RED	Module incorrectly programmed.
		Flashing GREEN	Module correctly programmed and operational.
		Solid GREEN then OFF	Reset in progress.
		OFF	Invalid ground when running status from remote starter.
III	WITH IGNITION OFF	Flashing RED	Module incorrectly programmed or connected.
		Solid RED	Module not programmed. Waiting for more vehicle information.
		Flashing GREEN	False ground when running status from remote starter.
		Solid GREEN then OFF	Reset in progress.
		OFF	Module at rest and ready for a remote start sequence.

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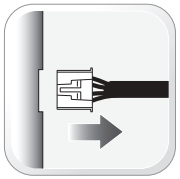
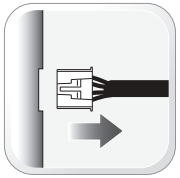
01 

Disconnect all connectors from module except the BLACK 20-PIN connector.

02 

Disconnect the BLACK 20-PIN connector.

03

PRESS AND HOLD programming button while connecting the BLACK 20-PIN connector.

04

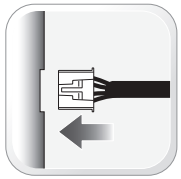
Wait, LED 1 will flash RED. RELEASE programming button.

05

LED 1 will turn RED for 2 seconds.

06

Module RESET completed.

07 

Reconnect all connectors.

08

Repeat programming procedure.

>>

Failure to follow procedure may result with a DTC or a CHECK ENGINE error message.

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CHECKLIST	
1	WARNING: Vehicle engine will start many times. Test in a well ventilated area.
2	Close all vehicle doors, hood and trunk.
3	Press the LOCK button once [1x] on the aftermarket keyfob.
	Question 1: Do the doors lock?
☐	YES: Go to next step.
☐	NO: Verify the remote programming, the RF connections and the wired door lock/unlock connections as illustrated in the wiring diagram, if applicable. Repeat the test and call technical support, if the problem persists.
4	Press the UNLOCK button once [1x] on the aftermarket keyfob.
	Question 2: Do the doors unlock?
☐	YES: Go to next step.
☐	NO: Verify the remote programming, the RF connections and the wired door lock/unlock connections as illustrated in the wiring diagram, if applicable. Repeat the test and call technical support, if the problem persists.
5	Press the TRUNK release button once [1x] on the aftermarket keyfob if supported.
	Question 3: Does the trunk or hatch open/unlock?
☐	YES: Close trunk or hatch and go to next step.
☐	NO: Verify the remote programming, the RF connections and the wired trunk/hatch connections as illustrated in the wiring diagram, if applicable. Repeat the test and call technical support, if the problem persists.
6	Press the AUX 1 button once [1x] on the aftermarket keyfob if supported.
	Question 4: Does the driver side sliding door open?
☐	YES: Press the AUX 1 button once [1x] to close the driver sliding door and go to next step.
☐	NO: Verify the remote programming and the RF connections. Repeat the test and call technical support, if the problem persists.
7	Press the AUX 2 button once [1x] on the aftermarket keyfob if supported.
	Question 5: Does the passenger side sliding door open?
☐	YES: Press the AUX 2 button once [1x] to close the passenger sliding door and go to next step.
☐	NO: Verify the remote programming and the RF connections. Repeat the test and call technical support, if the problem persists.
8	Press the START/STOP button once [1x] on the aftermarket keyfob to remote start vehicle.
	Question 6: Does the vehicle remote start?
☐	YES: Go to next step.
☐	NO: Verify the remote programming, the RF connections and check the remote start error codes. Repeat the test and call technical support, if the problem persists.
9	Press the START/STOP button once [1x] on the aftermarket keyfob to shut down vehicle.
	Question 7: Does the vehicle shut down?
☐	YES: Go to next step.
☐	NO: Repeat step. If problem persists, press the brake pedal once [1x] to shut down the vehicle and call technical support.
10	RAP and auto light shutdown test
	Question 8: Did the radio, interior controls and headlights turn off within 60 seconds after remote start shutdown?
☐	YES: Go to next step.
☐	NO: Verify the RAP SHUTDOWN connections as illustrated in the wiring diagram. Repeat the test and call technical support if the problem persists.
11	Open hood.
12	If not already installed, affix the mandatory orange warning sticker under the hood and proceed to next step.
13	Press the START/STOP button once [1x] on the aftermarket keyfob to remote start vehicle.
	Question 9: Does the vehicle remote start?
☐	YES: The vehicle is not equipped with a factory hood pin. Install a mandatory aftermarket hood switch, then repeat the test.
☐	NO: Go to next step.
14	Close hood.
15	Enter vehicle and close the doors.
16	Press the START/STOP button once [1x] on the aftermarket keyfob to remote start vehicle.
17	Wait for the vehicle to start.
18	Press brake pedal.
	Question 10: Does the vehicle shut down?
☐	YES: Go to next step.
☐	NO: The module does NOT detect the brake pedal signal. Press the START/STOP button once [1x] on the aftermarket keyfob to shut down vehicle, check connection as illustrated in the wiring diagram, if applicable, and call technical support.
19	Exit vehicle.
20	Installation checklist completed.

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